

PRODUCT DATASHEET L 36 W/840-1

LUMILUX® T8 1 m | Tubular fluorescent lamps 26 mm, 1 m, for public transport, with G13 base



Areas of application

- Public transport

Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Available with color temperature: 2,700 K, 3,000 K, 4,000 K





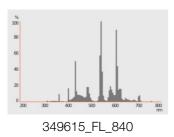
TECHNICAL DATA

Electrical data

Nominal wattage	36 W
Construction wattage	38.90 W
Nominal voltage	81 V
Nominal current	560 mA

Photometrical data

Luminous flux	3100 lm
Luminous efficacy	80 lm/W
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89



Dimensions & Weight

Overall length	984.20 mm
Length with base excl. base pins/connection	970,00 mm
Diameter	25.50 mm
Tube diameter	26 mm

Product weight	130.00 g
Lifespan	
Service life	18000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000	0.90
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h
Additional product data	
Base (standard designation)	G13
Mercury content	3.0 mg
Capabilities	
Dimmable	Yes
Certificates & Standards	
Energy efficiency class	
<u> </u>	G
Energy consumption	39.00 kWh/1000h
Energy consumption	
Energy consumption Country-specific categorizations	39.00 kWh/1000h
Energy consumption Country-specific categorizations ILCOS	39.00 kWh/1000h FD-36/840-E-G13-26/970
Energy consumption Country-specific categorizations ILCOS Order reference	39.00 kWh/1000h FD-36/840-E-G13-26/970
Energy consumption Country-specific categorizations ILCOS Order reference Energy labelling regulation data acc EU 2019/2015	39.00 kWh/1000h FD-36/840-E-G13-26/970 L 36W/840-1
Energy consumption Country-specific categorizations ILCOS Order reference Energy labelling regulation data acc EU 2019/2015 Lighting technology used	39.00 kWh/1000h FD-36/840-E-G13-26/970 L 36W/840-1 OTHER_FL
Energy consumption Country-specific categorizations ILCOS Order reference Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional	39.00 kWh/1000h FD-36/840-E-G13-26/970 L 36W/840-1 OTHER_FL NDLS
Energy consumption Country-specific categorizations ILCOS Order reference Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains	39.00 kWh/1000h FD-36/840-E-G13-26/970 L 36W/840-1 OTHER_FL NDLS NMLS
Energy consumption Country-specific categorizations ILCOS Order reference Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface)	39.00 kWh/1000h FD-36/840-E-G13-26/970 L 36W/840-1 OTHER_FL NDLS NMLS G13
Energy consumption Country-specific categorizations ILCOS Order reference Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS)	39.00 kWh/1000h FD-36/840-E-G13-26/970 L 36W/840-1 OTHER_FL NDLS NMLS G13 No

Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	984.20 mm
Height	25.50 mm
Width	25.50 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle correspondence	SPHERE_360
EPREL ID	546371
Model number	AC34118

Safety advice

- In case of lamp breakage: www.ledvance.com/brokenlamp

DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4071456-EN-01 - T8	
	Photometric and lighting design files	Document name	
<u>~</u>	Spectral power distribution	349615_FL_840	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300518091	Sleeve 1	980 mm x 28 mm x 27 mm	147.33 g	0.74 dm ³
4050300518107	Shipping box 25	1,004 mm x 150 mm x 155 mm	4312.20 g	23.34 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.